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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/594,513	06/16/2000	Ko Kambayashi	000760	2414
23850	7590	02/26/2004	EXAMINER	
ARMSTRONG, KRATZ, QUINTOS, HANSON & BROOKS, LLP 1725 K STREET, NW SUITE 1000 WASHINGTON, DC 20006			HO, TUAN V	
		ART UNIT		PAPER NUMBER
		2612		
DATE MAILED: 02/26/2004				

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/594,513

Applicant(s)

KAMBAYASHI ET AL.

Examiner

TUAN HO

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE ____ MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) Responsive to communication(s) filed on ____.
2a) This action is **FINAL**. 2b) This action is non-final.
3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4) Claim(s) 1-12 is/are pending in the application.
4a) Of the above claim(s) ____ is/are withdrawn from consideration.
5) Claim(s) ____ is/are allowed.
6) Claim(s) 1,2,7,8 and 10-12 is/are rejected.
7) Claim(s) 4-6 and 9 is/are objected to.
8) Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

9) The specification is objected to by the Examiner.
10) The drawing(s) filed on ____ is/are: a) accepted or b) objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) All b) Some * c) None of:
 1. Certified copies of the priority documents have been received.
 2. Certified copies of the priority documents have been received in Application No. ____.
 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) Notice of References Cited (PTO-892)
2) Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
 Paper No(s)/Mail Date 3.

4) Interview Summary (PTO-413)
 Paper No(s)/Mail Date. ____.
5) Notice of Informal Patent Application (PTO-152)
6) Other: ____.

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1, 2, 7, 8, and 10 are rejected under 35 U.S.C. 102(e) as being anticipated by Ishikawa (US 6,323,902).

With regard to claim 1, Ishikawa discloses in Fig. 1, a video camera that comprises the connector (signal wire 58 includes a connector attached at the other end of wire 58 and connected to the personal computer 10 on the rear face, col. 4, lines 34-35 and col. 5, lines 45-49), and reinforcing portion (mechanism 60 includes plate 62 that is used to make the wire 58 attached securely on the computer when wire 58 is connected to it; noted that without mechanism 60, wire 58 is easily detached from computer due to the weight of the camera assembly or a user; in other words, mechanism 60 strengthens the connector of wire 58 and provides a support to wire 58 so that the connecting wire is not easily to come off from the computer).

With regard to claim 2, Ishikawa discloses in Fig. 1, a video camera that comprises the anchor portion (base portion 32, col. 3, line 58), movable portion (movable portion 34, col. 3, line 58), image pickup portion (CCD 48 is located in movable portion 34, col. 4, line 25), connector and reinforcing portion (mechanism 60 and wire 58 including a connector are located in base portion 34).

With regard to claim 7, Ishikawa discloses in Fig. 1, a video camera that comprises the attachment portion (mechanism 60, col. 4, lines 36-67).

With regard to claim 8, Ishikawa discloses in Fig. 1, a video camera that comprises the anchor portion (base portion 32, col. 3, line 58), movable portion (movable portion 34, col. 3, line 58), image pickup portion (CCD 48 is located in movable portion 34, col. 4, line 25), connector and attachment portion (mechanism 60 and wire 58 including a connector are located in base portion 34).

With regard to claim 10, Ishikawa discloses in Fig. 1, a video camera that comprises the electronic apparatus including a display portion (computer 10 includes display unit 14, col. 3, line 37; where camera 30 is attached to the display unit 14 as shown in Fig. 1).

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 11 and 12 are rejected under 35 U.S.C. 103(a) as being unpatentable over Ishikawa in view of Endsley et al (US 6,005,613).

With regard to claims 11 and 12, Ishikawa discloses the same subject matter as discussed with respect to claims 1 and 7, except that the connector includes a USB interface.

Ishikawa does not explicitly disclose any USB interface. However, Endsley et al teaches using a USB interface 40 of camera 10, which is used to connected to a host computer 12 via USB cable 42, col. 3, lines 9-15 and lines 60-67 and col. 4, line 1-47. Noted that the advantage of using USB interface is to transmit image data between the camera and the computer faster than a normal connection, col. 4, lines 32-47).

3. Therefore, it would have been obvious to one of ordinary

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skill in the art at the time the invention was made to modify the wire connector 58 of Ishikawa in the same fashion as disclosed by Endsley et al so as to obtain wire 58 including USB interface and thereby to easily transmit the image data between the camera and computer.

4. Claims 3, 4-6, and 9 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

5. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Parulski et al discloses an electronic camera that can be connected to a personal computer.

Griencewic discloses an adjustable mounted camera assembly for a portable computer.

Cipolla et al discloses a video camera mounted on a laptop computer.

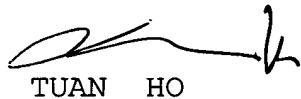
6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to TUAN HO whose telephone number is (703) 305-4943. The examiner can normally be reached on Mon-Fri from 7AM to 4PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, WENDY GARBER, can be

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reached on (703) 305-4924. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-4700.



TUAN HO

Primary Examiner

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